

T.I.T.L. MARKET SAMPLE NO. 4

TEST 1 AND 2 RESULTS

GROUPED BY SMOKING MACHINE

		<u>"Tar" mg/cigt. - Test 1</u>			<u>"Tar" mg/cigt. - Test 2</u>		
<u>BRAND</u>		<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>	<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>
Alpine	X	19.4 ± 0.3	19.4 ± 0.8	19.4 ± 0.4	19.4 ± 0.4	19.0 ± 0.5	19.2 ± 0.3
	s	0.5	1.2	0.9	0.6	0.8	0.7
	CV	2.7	6.2	4.6	3.1	4.5	3.9
Belair	X	18.6 ± 0.6	18.9 ± 0.6	18.8 ± 0.4	18.0 ± 0.3	17.4 ± 0.4	17.7 ± 0.3
	s	1.0	0.9	0.9	0.5	0.7	0.6
	CV	5.2	4.8	5.0	2.8	3.9	3.6
Benson & Hedges reg. size	X	19.6 ± 0.7	20.4 ± 0.7	20.0 ± 0.5	15.9 ± 0.7	15.4 ± 0.3	15.7 ± 0.4
	s	1.2	1.1	1.2	1.1	0.4	0.8
	CV	6.0	5.3	5.8	6.7	2.5	5.2
Benson & Hedges king size	X	20.2 ± 0.3	20.0 ± 0.5	20.1 ± 0.3	18.2 ± 0.5	18.0 ± 0.6	18.1 ± 0.4
	s	0.4	0.8	0.6	0.8	0.9	0.8
	CV	2.2	4.0	3.2	4.4	5.0	4.6
Benson & Hedges 100 mm. filter	X	21.4 ± 0.4	20.9 ± 0.5	21.2 ± 0.3	21.6 ± 0.5	21.1 ± 0.5	21.4 ± 0.4
	s	0.7	0.8	0.7	0.8	0.8	0.8
	CV	3.1	3.7	3.5	3.5	3.9	3.8
Benson & Hedges 100 mm. menthol	X	22.1 ± 0.4	22.1 ± 0.6	22.1 ± 0.4	22.0 ± 0.4	22.1 ± 0.4	22.0 ± 0.3
	s	0.7	0.9	0.8	0.7	0.6	0.6
	CV	3.3	4.2	3.6	3.2	2.8	2.9
Bull Durham	X	29.2 ± 0.5	29.2 ± 0.5	29.2 ± 0.3	26.9 ± 0.5	26.3 ± 0.6	26.6 ± 0.4
	s	0.8	0.8	0.8	0.8	0.9	0.9
	CV	2.8	2.7	2.6	3.1	3.5	3.4

PM3000952715

		<u>"Tar" mg/cigt. - Test 1</u>			<u>"Tar" mg/cigt. - Test 2</u>		
<u>BRAND</u>		<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>	<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>
Camel	X	26.4 ± 0.8	25.7 ± 0.8	26.1 ± 0.6	21.4 ± 0.5	21.0 ± 0.7	21.2 ± 0.4
reg. size,	s	1.2	1.3	1.3	0.8	1.2	1.0
non-filter	CV	4.5	5.0	4.8	4.0	5.6	4.8
Camel	X	20.5 ± 0.5	20.8 ± 0.6	20.7 ± 0.4	19.4 ± 0.4	18.9 ± 0.3	19.2 ± 0.3
king size	s	0.8	1.0	0.9	0.7	0.5	0.6
filter	CV	3.7	4.7	4.2	3.4	2.6	3.3
Carlton	X	4.0 ± 0.6	4.1 ± 0.6	4.0 ± 0.4	4.5 ± 0.4	4.3 ± 0.5	4.4 ± 0.3
	s	1.0	1.0	1.0	0.6	0.7	0.7
	CV	25.0	24.4	24.1	13.6	17.0	15.2
Cascade	X	7.8 ± 0.5	7.1 ± 0.5	7.5 ± 0.4	6.6 ± 0.2	6.2 ± 0.4	6.4 ± 0.2
	s	0.8	0.8	0.9	0.4	0.6	0.5
	CV	10.2	12.0	11.7	5.9	10.1	8.5
Century	X	22.7 ± 0.6	22.7 ± 0.5	22.7 ± 0.4	22.8 ± 0.3	22.6 ± 0.5	22.7 ± 0.3
	s	1.0	0.8	0.9	0.4	0.8	0.6
	CV	4.3	3.8	3.9	2.0	3.6	2.9
Chesterfield	X	24.8 ± 0.7	24.9 ± 0.4	24.9 ± 0.4	20.6 ± 0.6	19.7 ± 0.2	20.1 ± 0.4
reg. size	s	1.1	0.6	0.9	1.0	0.4	0.8
non-filter	CV	4.5	2.6	3.6	4.7	1.8	4.2
Chesterfield	X	29.3 ± 0.7	29.4 ± 0.9	29.4 ± 0.5	25.1 ± 0.6	24.2 ± 0.5	24.7 ± 0.4
king size	s	1.0	1.4	1.2	0.9	0.7	0.9
non-filter	CV	3.6	4.8	4.2	3.6	3.0	3.7
Chesterfield	X	22.2 ± 0.8	22.0 ± 0.5	22.1 ± 0.4	20.8 ± 0.3	20.1 ± 0.4	20.4 ± 0.3
king size	s	1.2	0.8	1.0	0.5	0.6	0.7
filter	CV	5.4	3.7	4.6	2.6	3.4	3.4

PM3000952716

		<u>"Tar" mg/cigt. - Test 1</u>			<u>"Tar" mg/cigt. - Test 2</u>		
<u>BRAND</u>		<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>	<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>
Chesterfield	X	20.2 ± 1.0	19.6 ± 0.8	19.9 ± 0.6	18.4 ± 0.4	18.2 ± 0.4	18.3 ± 0.3
king size,	s	1.6	1.2	1.4	0.7	0.6	0.6
filter menthol	CV	7.8	6.4	7.1	3.6	3.1	3.3
Chesterfield	X	20.2 ± 0.6	19.6 ± 0.6	20.0 ± 0.5	20.4 ± 0.4	20.0 ± 0.8	20.2 ± 0.4
101 mm.	s	1.0	1.0	1.0	0.7	1.3	1.0
	CV	5.0	5.3	5.2	3.2	6.4	5.1
Colony	X	28.2 ± 0.7	28.0 ± 1.0	28.0 ± 0.6	26.2 ± 0.4	26.3 ± 0.4	26.2 ± 0.3
100 mm.	s	1.1	1.6	1.4	0.6	0.6	0.6
filter	CV	3.9	5.8	4.8	2.4	2.5	2.4
Colony	X	25.7 ± 0.6	25.9 ± 0.8	25.8 ± 0.5	24.1 ± 0.4	23.6 ± 0.5	23.9 ± 0.4
100 mm.	s	0.9	1.2	1.0	0.7	0.8	0.8
filter menthol	CV	3.6	4.7	4.1	2.9	3.6	3.4
Domino	X	25.4 ± 1.2	25.9 ± 0.5	25.7 ± 0.7	22.5 ± 0.8	22.0 ± 0.5	22.2 ± 0.5
king size,	s	2.0	0.8	1.5	1.2	0.8	1.0
non-filter	CV	7.7	3.3	5.8	5.4	3.8	4.7
Domino	X	20.3 ± 0.6	21.2 ± 0.5	20.8 ± 0.4	17.5 ± 0.4	17.2 ± 0.6	17.4 ± 0.4
king size,	s	1.0	0.8	1.0	0.6	0.9	0.8
filter	CV	4.9	3.5	4.6	3.5	5.4	4.6
Domino	X	13.6 ± 1.0	15.0 ± 0.8	14.3 ± 0.7	11.4 ± 0.5	11.1 ± 0.7	11.3 ± 0.4
king size,	s	1.6	1.3	1.6	0.7	1.2	1.0
filter menthol	CV	11.6	8.5	11.0	6.6	10.5	8.6
Duke	X	9.7 ± 0.2	9.4 ± 0.6	9.6 ± 0.3	9.9 ± 0.6	9.9 ± 0.4	9.9 ± 0.3
	s	0.4	0.9	0.7	0.9	0.6	0.8
	CV	4.2	9.3	7.1	9.4	6.2	7.8

PM3000952717

		<u>"Tar" mg/cigt. - Test 1</u>			<u>"Tar" mg/cigt. - Test 2</u>		
<u>BRAND</u>		<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>	<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>
Du Maurier	X	18.3±0.6	18.2±0.3	18.2±0.4	17.3±0.5	17.2±0.2	17.2±0.2
	s	1.0	0.5	0.8	0.7	0.4	0.6
	CV	5.5	2.9	4.3	4.2	2.3	3.3
English Ovals reg. size, non-filter	X	27.3±0.8	26.6±1.3	27.0±0.7	22.6±0.7	21.8±0.3	22.2±0.4
	s	1.3	2.0	1.7	1.1	0.4	0.9
	CV	4.6	7.5	6.2	5.0	1.9	4.3
English Ovals king size, non-filter	X	35.0±1.3	35.3±0.8	35.1±0.8	29.4±0.7	30.4±0.8	29.9±0.6
	s	2.0	1.3	1.7	1.1	1.3	1.3
	CV	5.9	3.7	4.8	3.7	4.3	4.3
Fatima	X	33.3±0.8	33.1±0.7	33.2±0.5	28.3±1.1	27.4±0.7	27.8±0.7
	s	1.2	1.1	1.1	1.8	1.1	1.5
	CV	3.6	3.4	3.4	6.3	4.2	5.5
Frappe	X	9.0±0.9	9.0±0.6	9.0±0.5	9.0±1.1	7.8±0.5	8.4±0.6
	s	1.4	1.0	1.2	1.7	0.8	1.4
	CV	15.6	11.5	13.5	19.2	10.5	17.1
Galaxy	X	20.5±0.5	21.0±0.6	20.8±0.4	20.1±0.4	19.5±0.4	19.8±0.3
	s	0.8	0.9	0.8	0.6	0.7	0.7
	CV	3.7	4.2	4.0	3.0	3.6	3.6
Gauloises Caporal non-filter	X	26.0±1.0	25.8±0.8	25.9±0.6	21.6±0.6	21.3±0.4	21.4±0.4
	s	1.6	1.2	1.4	1.0	0.7	0.8
	CV	6.2	4.8	5.4	4.6	3.2	4.0
Gauloises Disque Bleu filter	X	21.7±1.2	22.7±0.6	22.2±0.7	17.6±0.5	17.1±1.0	17.4±0.6
	s	1.9	1.0	1.6	0.8	1.6	1.2
	CV	8.6	4.4	7.0	4.6	9.2	7.2

PM3000952718

		<u>"Tar" mg/cigt. - Test 1</u>			<u>"Tar" mg/cigt. - Test 2</u>		
<u>BRAND</u>		<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>	<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>
Half & Half	X	22.6 ± 0.7	23.3 ± 0.6	22.9 ± 0.5	21.5 ± 0.4	21.0 ± 0.5	21.3 ± 0.4
	s	1.1	1.0	1.1	0.7	0.8	0.8
	CV	5.0	4.4	4.8	3.2	4.0	3.7
Helmar	X	24.3 ± 0.6	24.8 ± 1.0	24.6 ± 0.6	20.2 ± 0.8	20.9 ± 0.5	20.6 ± 0.5
	s	0.9	1.5	1.2	1.3	0.8	1.1
	CV	3.6	6.1	5.0	6.2	3.8	5.2
Herbert Tareyton	X	29.8 ± 0.9	30.7 ± 0.9	30.2 ± 0.6	25.5 ± 0.6	25.1 ± 0.5	25.3 ± 0.4
	s	1.4	1.4	1.4	0.9	0.7	0.8
	CV	4.7	4.4	4.8	3.7	2.9	3.3
Holiday king size, non-filter	X	35.1 ± 1.0	33.8 ± 0.7	34.4 ± 0.7	29.8 ± 0.6	28.5 ± 0.5	29.2 ± 0.5
	s	1.6	1.0	1.5	0.9	0.8	1.1
	CV	4.5	3.1	4.3	3.0	3.0	3.7
Holiday king size, filter	X	26.0 ± 0.9	25.3 ± 1.1	25.7 ± 0.7	22.2 ± 0.4	22.2 ± 0.4	22.2 ± 0.3
	s	1.5	1.8	1.6	0.6	0.7	0.6
	CV	5.7	7.1	6.4	2.9	3.0	2.9
Home Run	X	20.2 ± 0.6	20.8 ± 0.7	20.5 ± 0.5	17.0 ± 0.4	16.1 ± 0.6	16.5 ± 0.4
	s	1.0	1.1	1.0	0.7	1.0	1.0
	CV	4.9	5.1	5.2	4.2	5.9	5.8
Kent reg. size, filter	X	11.1 ± 1.0	11.5 ± 1.0	11.3 ± 0.7	10.0 ± 0.7	9.5 ± 0.7	9.8 ± 0.5
	s	1.6	1.5	1.5	1.1	1.2	1.1
	CV	14.8	13.1	13.7	10.9	12.4	11.6
Kent king size, filter hard pack	X	16.9 ± 0.4	17.3 ± 0.5	17.1 ± 0.3	15.6 ± 1.0	15.4 ± 0.4	15.5 ± 0.5
	s	0.7	0.8	0.7	1.5	0.7	1.2
	CV	4.0	4.5	4.3	9.6	4.6	7.4

PM3000952719

		<u>"Tar" mg/cigt. - Test 1</u>			<u>"Tar" mg/cigt. - Test 2</u>		
<u>BRAND</u>		<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>	<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>
Kent king size, filter soft pack	X s CV	16.1±0.5 0.8 5.1	16.6±0.4 0.7 4.2	16.3±0.3 0.8 4.7	15.4±0.3 0.5 3.3	15.5±0.6 1.0 6.2	15.4±0.3 0.7 4.8
Kent 100 mm. filter	X s CV	19.3±1.0 1.5 7.8	19.7±0.5 0.8 4.2	19.5±0.5 1.2 6.2	19.3±0.3 0.5 2.7	18.9±0.5 0.8 4.2	19.1±0.3 0.7 3.6
King Sano king size, filter	X s CV	6.4±0.7 1.1 17.7	6.6±0.6 1.0 15.4	6.5±0.5 1.0 16.2	7.0±1.2 1.8 25.9	5.9±0.8 1.2 20.1	6.5±0.7 1.6 24.8
King Sano king size, filter menthol	X s CV	7.7±1.0 1.6 20.6	7.2±0.8 1.3 18.3	7.4±0.6 1.4 19.4	7.6±1.4 2.2 28.6	7.0±1.5 2.3 33.2	7.3±1.0 2.2 30.2
Kool reg. size, non-filter, menthol	X s CV	21.5±0.7 1.1 5.1	22.1±0.4 0.7 3.0	21.8±0.4 0.9 4.3	18.2±0.4 0.6 3.2	18.0±0.8 1.3 7.3	18.0±0.4 1.0 5.5
Kool king size, filter menthol	X s CV	18.3±0.9 1.4 7.5	19.0±0.4 0.6 3.1	18.6±0.5 1.1 5.9	18.1±0.6 1.0 5.6	17.5±0.4 0.7 4.1	17.8±0.4 0.9 5.1
Kool 100 mm. filter, menthol	X s CV	20.2±0.6 1.0 4.9	20.9±0.5 0.8 3.8	20.6±0.4 1.0 4.6	20.8±0.4 0.6 2.7	20.8±0.4 0.7 3.3	20.8±0.3 0.6 2.9

		<u>"Tar" mg/cigt. - Test 1</u>			<u>"Tar" mg/cigt. - Test 2</u>		
<u>BRAND</u>		<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>	<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>
L & M reg. size, filter	X s CV	16.5 ± 0.8 1.3 8.1	16.7 ± 0.8 1.3 7.6	16.6 ± 0.6 1.3 7.6	13.8 ± 0.4 0.7 5.0	13.5 ± 0.3 0.4 3.1	13.7 ± 0.2 0.6 4.2
L & M king size, filter hard pack	X s CV	17.8 ± 0.4 0.7 3.8	17.8 ± 0.6 1.0 5.6	17.8 ± 0.4 0.8 4.6	16.5 ± 0.5 0.8 4.7	16.0 ± 0.5 0.8 4.9	16.2 ± 0.4 0.8 4.9
L & M king size, filter soft pack	X s CV	19.7 ± 0.7 1.1 5.4	19.4 ± 0.7 1.2 6.0	19.5 ± 0.5 1.1 5.6	18.0 ± 0.4 0.6 3.4	18.0 ± 0.6 0.9 5.0	18.0 ± 0.3 0.7 4.2
L & M 100 mm. filter	X s CV	20.3 ± 0.9 1.4 7.1	19.8 ± 0.5 0.8 4.1	20.0 ± 0.5 1.2 5.8	19.8 ± 0.8 1.3 6.4	19.1 ± 0.7 1.1 5.7	19.4 ± 0.5 1.2 6.2
L & M 100 mm. filter menthol	X s CV	19.4 ± 0.4 0.6 3.2	19.4 ± 0.4 0.6 2.9	19.4 ± 0.2 0.6 3.0	19.3 ± 0.6 0.9 4.5	19.8 ± 0.6 1.0 5.1	19.6 ± 0.4 1.0 4.9
Lark king size, filter	X s CV	18.3 ± 0.6 0.9 4.9	18.2 ± 0.6 0.9 4.8	18.3 ± 0.4 0.9 4.7	16.7 ± 0.8 1.2 7.2	16.5 ± 0.5 0.8 4.6	16.6 ± 0.4 1.0 5.9
Lark 100 mm. filter	X s CV	18.8 ± 0.5 0.8 4.4	18.4 ± 0.3 0.4 2.5	18.6 ± 0.3 0.7 3.6	18.5 ± 0.6 0.9 5.1	18.4 ± 0.4 0.7 3.8	18.5 ± 0.4 0.8 4.4
Life	X s CV	10.9 ± 0.4 0.7 6.1	10.8 ± 0.5 0.8 7.2	10.8 ± 0.3 0.7 6.5	10.7 ± 0.3 0.5 4.3	10.9 ± 0.5 0.8 7.7	10.8 ± 0.3 0.7 6.1

		<u>"Tar" mg/cigt. - Test 1</u>			<u>"Tar" mg/cigt. - Test 2</u>		
<u>BRAND</u>		<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>	<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>
Lucky Strike	X	28.5 ± 0.6	28.0 ± 1.0	28.2 ± 0.6	23.3 ± 0.6	23.0 ± 0.5	23.1 ± 0.4
reg. size,	s	1.0	1.6	1.3	0.9	0.8	0.8
non-filter	CV	3.6	5.7	4.7	4.0	3.4	3.7
Lucky Strike	X	20.9 ± 0.7	21.0 ± 0.4	20.9 ± 0.4	19.5 ± 0.4	19.0 ± 0.5	19.3 ± 0.3
king size,	s	1.1	0.6	0.8	0.7	0.8	0.8
filter	CV	5.2	2.7	4.0	3.6	4.2	4.0
Lucky Strike	X	19.7 ± 0.7	19.7 ± 0.5	19.7 ± 0.4	18.2 ± 0.5	18.5 ± 0.4	18.3 ± 0.3
king size,	s	1.1	0.8	1.0	0.8	0.7	0.8
filter menthol	CV	5.8	4.3	5.0	4.6	3.9	4.2
Lucky Strike	X	20.5 ± 0.6	20.5 ± 0.6	20.5 ± 0.4	20.9 ± 0.5	20.8 ± 0.5	20.8 ± 0.3
100 mm.	s	1.0	0.9	0.9	0.8	0.8	0.8
filter	CV	4.6	4.6	4.5	4.0	3.7	3.7
Lucky Strike	X	18.2 ± 0.5	18.5 ± 0.7	18.3 ± 0.4	18.9 ± 0.4	18.2 ± 0.2	18.6 ± 0.2
100 mm.	s	0.8	1.1	1.0	0.6	0.3	0.6
filter menthol	CV	4.3	6.1	5.2	3.4	1.5	3.1
Mapleton	X	23.9 ± 0.4	24.0 ± 0.6	23.9 ± 0.4	19.4 ± 0.7	18.6 ± 0.5	19.0 ± 0.4
reg. size,	s	0.7	1.0	0.8	1.0	0.8	1.0
non-filter	CV	3.0	4.2	3.6	5.4	4.1	5.1
Mapleton	X	21.4 ± 1.0	21.1 ± 0.4	21.3 ± 0.5	20.2 ± 0.4	20.0 ± 0.6	20.1 ± 0.3
king size,	s	1.6	0.6	1.2	0.6	0.9	0.7
filter	CV	7.3	2.8	5.5	3.0	4.4	3.7
Marlboro	X	20.6 ± 0.3	19.8 ± 1.3	20.2 ± 0.7	18.5 ± 0.3	17.9 ± 0.3	18.2 ± 0.2
king size,	s	0.5	2.0	1.5	0.5	0.4	0.6
filter,	CV	2.6	10.2	7.5	2.8	2.5	3.2
hard pack							

		<u>"Tar" mg/cigt. - Test 1</u>			<u>"Tar" mg/cigt. - Test 2</u>		
<u>BRAND</u>		<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>	<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>
Marlboro king size, filter soft pack	X s CV	21.7 ± 0.6 1.0 4.5	21.0 ± 0.5 0.9 4.1	21.4 ± 0.4 1.0 4.5	20.2 ± 0.6 0.9 4.4	19.6 ± 0.4 0.6 2.9	19.9 ± 0.3 0.8 3.9
Marlboro 100 mm. filter soft pack	X s CV	22.4 ± 0.4 0.6 2.9	21.9 ± 0.3 0.5 2.2	22.2 ± 0.3 0.6 2.8	22.2 ± 0.4 0.7 3.3	21.4 ± 0.9 1.5 6.9	21.8 ± 0.5 1.2 5.5
Marlboro 95 mm. filter hard pack	X s CV	21.6 ± 0.6 1.0 4.8	21.2 ± 0.6 1.0 4.9	21.4 ± 0.4 1.0 4.8	21.6 ± 0.6 1.0 4.8	21.0 ± 0.5 0.8 4.0	21.3 ± 0.4 1.0 4.6
Marlboro king size, filter menthol	X s CV	20.3 ± 0.4 0.6 3.0	20.8 ± 0.2 0.4 1.8	20.6 ± 0.2 0.5 2.7	19.6 ± 0.6 0.9 4.6	19.6 ± 0.4 0.6 3.3	19.6 ± 0.3 0.8 3.9
Marvels reg. size, non-filter	X s CV	19.1 ± 0.5 0.8 4.0	19.2 ± 0.6 0.9 4.5	19.2 ± 0.4 0.8 4.2	15.4 ± 0.5 0.8 5.5	15.0 ± 0.4 0.6 3.7	15.2 ± 0.3 0.7 4.7
Marvels reg. size, filter	X s CV	2.6 ± 0.4 0.6 24.7	3.1 ± 0.3 0.4 14.1	2.8 ± 0.3 0.6 20.6	2.8 ± 0.3 0.4 15.9	2.9 ± 0.3 0.5 18.7	2.8 ± 0.2 0.5 17.1
Marvels king size, non-filter	X s CV	22.8 ± 0.6 1.0 4.4	23.7 ± 1.0 1.7 7.0	23.2 ± 0.6 1.4 6.1	20.0 ± 0.8 1.2 6.2	19.8 ± 0.3 0.5 2.5	19.9 ± 0.4 0.9 4.7
Marvels king size, filter	X s CV	5.9 ± 0.4 0.7 12.0	6.8 ± 0.3 0.5 7.3	6.3 ± 0.3 0.8 11.9	5.9 ± 0.4 0.6 11.0	5.7 ± 0.3 0.5 8.4	5.8 ± 0.2 0.6 9.8

PM3000952723

		<u>"Tar" mg/cigt. - Test 1</u>			<u>"Tar" mg/cigt. - Test 2</u>		
<u>BRAND</u>		<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>	<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>
Marvells	X	4.4 ± 0.2	4.3 ± 0.4	4.3 ± 0.2	4.3 ± 0.3	4.2 ± 0.7	4.3 ± 0.4
king size,	s	0.3	0.7	0.5	0.4	1.0	0.8
filter menthol	CV	7.4	15.4	11.7	10.2	24.7	18.3
Montclair	X	9.6 ± 0.7	9.8 ± 0.6	9.7 ± 0.4	9.3 ± 0.5	8.7 ± 0.6	9.0 ± 0.4
	s	1.0	0.9	1.0	0.8	0.9	0.9
	CV	10.9	9.2	9.9	8.3	10.1	9.6
Newport	X	20.5 ± 1.0	21.6 ± 0.4	21.1 ± 0.6	17.6 ± 0.6	17.5 ± 0.5	17.5 ± 0.4
king size,	s	1.6	0.6	1.3	1.0	0.8	0.8
filter menthol	CV	8.0	2.7	6.3	5.4	4.4	4.8
hard pack							
Newport	X	20.4 ± 0.7	20.9 ± 0.6	20.6 ± 0.5	19.0 ± 0.6	19.2 ± 0.4	19.1 ± 0.4
king size,	s	1.1	0.9	1.0	1.0	0.7	0.8
filter menthol	CV	5.6	4.4	5.1	5.1	3.5	4.2
soft pack							
Newport	X	20.2 ± 0.9	20.4 ± 0.3	20.4 ± 0.4	20.7 ± 0.6	20.2 ± 0.5	20.4 ± 0.4
100 mm.	s	1.4	0.5	1.0	0.9	0.8	0.9
filter menthol	CV	6.8	2.3	5.0	4.5	3.8	4.2
Oasis	X	18.9 ± 0.6	19.4 ± 0.6	19.2 ± 0.4	17.8 ± 0.5	17.8 ± 0.5	17.8 ± 0.3
	s	1.0	1.0	1.0	0.7	0.8	0.8
	CV	5.4	5.2	5.4	4.1	4.6	4.3
Old Gold	X	23.9 ± 0.8	23.3 ± 0.8	23.6 ± 0.6	18.8 ± 0.4	18.7 ± 0.4	18.8 ± 0.3
reg. size	s	1.3	1.4	1.3	0.6	0.6	0.6
non-filter	CV	5.3	5.8	5.6	3.2	3.5	3.3
Old Gold	X	29.2 ± 0.8	29.5 ± 0.8	29.4 ± 0.6	24.8 ± 0.7	24.4 ± 1.0	24.6 ± 0.6
king size,	s	1.2	1.3	1.2	1.1	1.6	1.4
non-filter	CV	4.3	4.4	4.2	4.5	6.8	5.6

PM3000952724

"Tar" mg/cigt. - Test 1"Tar" mg/cigt. - Test 2

BRAND		Smoking Machine A	Smoking Machine B	A & B Combined	Smoking Machine A	Smoking Machine B	A & B Combined
Old Gold king size, filter	X	19.5±0.9	20.5±1.0	20.0±0.7	18.8±0.6	18.4±0.4	18.6±0.4
	s	1.4	1.5	1.5	1.0	0.6	0.9
	CV	7.2	7.4	7.6	5.5	3.5	4.6
Omar	X	29.7±1.0	29.3±0.6	29.5±0.6	23.7±0.7	23.3±0.6	23.5±0.5
	s	1.6	1.0	1.3	1.1	1.0	1.0
	CV	5.2	3.3	4.3	4.7	4.3	4.5
Pall Mall king size, non-filter soft pack	X	28.1±0.9	28.4±0.8	28.2±0.6	23.7±0.6	24.1±0.6	23.9±0.4
	s	1.4	1.2	1.3	0.9	0.9	0.9
	CV	4.9	4.2	4.5	3.7	3.9	3.8
Pall Mall 95 mm. filter hard pack	X	18.4±0.4	18.1±0.5	18.2±0.3	18.7±0.5	18.3±0.2	18.5±0.3
	s	0.6	0.8	0.7	0.8	0.4	0.7
	CV	3.5	4.7	4.1	4.7	2.1	3.6
Pall Mall 95 mm. filter menthol hard pack	X	17.9±0.6	18.1±0.4	18.0±0.4	18.1±0.5	18.3±0.3	18.2±0.3
	s	1.0	0.7	0.8	0.7	0.5	0.6
	CV	5.5	3.9	4.7	4.1	2.8	3.4
Pall Mall 100 mm. filter soft pack	X	20.3±0.4	19.7±0.3	20.0±0.3	20.0±0.4	19.2±0.5	19.6±0.4
	s	0.6	0.5	0.6	0.6	0.8	0.8
	CV	2.8	2.7	3.1	3.0	4.3	4.2
Pall Mall 100 mm. filter menthol soft pack	X	19.1±0.4	18.9±0.4	19.0±0.3	19.2±0.5	18.9±0.4	19.0±0.3
	s	0.7	0.7	0.7	0.8	0.6	0.7
	CV	3.4	3.8	3.6	4.3	3.0	3.7

PM3000952725

		<u>"Tar" mg/cigt. - Test 1</u>			<u>"Tar" mg/cigt. - Test 2</u>		
<u>BRAND</u>		<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>	<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>
Parliament king size, filter hard pack	X s CV	15.6 ± 0.5 0.8 5.3	15.6 ± 0.4 0.7 4.3	15.6 ± 0.3 0.7 4.7	15.3 ± 0.5 0.9 5.6	14.7 ± 0.5 0.8 5.2	15.0 ± 0.4 0.8 5.6
Parliament king size, filter soft pack	X s CV	16.1 ± 0.5 0.8 5.2	16.5 ± 0.4 0.6 3.9	16.3 ± 0.3 0.7 4.6	16.5 ± 0.3 0.5 3.3	15.8 ± 0.3 0.5 3.2	16.1 ± 0.3 0.6 3.7
Philip Morris reg. size, non-filter	X s CV	24.5 ± 0.7 1.1 4.4	25.3 ± 0.5 0.8 3.0	24.9 ± 0.4 1.0 4.0	20.4 ± 0.4 0.6 2.9	20.7 ± 0.6 0.9 4.5	20.6 ± 0.3 0.8 3.7
Philip Morris Commander	X s CV	31.9 ± 0.8 1.3 4.2	30.6 ± 1.1 1.7 5.6	31.2 ± 0.7 1.6 5.3	26.9 ± 1.0 1.6 5.9	26.7 ± 0.5 0.8 3.0	26.8 ± 0.6 1.2 4.6
Philip Morris king size, filter	X s CV	18.8 ± 0.5 0.9 4.6	18.8 ± 0.6 0.8 4.6	18.8 ± 0.4 0.8 4.5	18.5 ± 0.3 0.5 2.9	18.4 ± 0.5 0.8 4.7	18.4 ± 0.3 0.7 3.8
Philip Morris king size, filter menthol	X s CV	19.9 ± 0.6 1.0 5.1	20.0 ± 0.8 1.2 6.0	19.9 ± 0.5 1.1 5.4	19.1 ± 0.5 0.8 4.4	19.2 ± 0.5 0.8 4.0	19.1 ± 0.3 0.8 4.1
Picayune	X s CV	20.3 ± 0.5 0.8 3.7	20.5 ± 0.3 0.5 2.4	20.4 ± 0.3 0.6 3.1	16.8 ± 0.6 1.0 6.2	16.3 ± 0.4 0.6 3.8	16.6 ± 0.4 0.9 5.2

PM3000952726

		<u>"Tar" mg/cigt. - Test 1</u>			<u>"Tar" mg/cigt. - Test 2</u>		
<u>BRAND</u>		<u>Smoking Machine</u>	<u>Smoking Machine</u>	<u>A & B Combined</u>	<u>Smoking Machine</u>	<u>Smoking Machine</u>	<u>A & B Combined</u>
Piedmont	X	24.7±0.8	25.1±0.6	24.9±0.5	21.1±0.4	20.5±1.0	20.8±0.5
	s	1.3	0.9	1.1	0.6	1.5	1.2
	CV	5.1	3.7	4.4	3.1	7.4	5.7
Players	X	32.1±0.8	31.5±0.5	31.8±0.5	26.2±0.5	25.4±0.5	25.8±0.4
	s	1.2	0.8	1.1	0.7	0.8	0.8
	CV	3.8	2.6	3.3	2.8	3.1	3.3
Raleigh king size, non-filter	X	30.0±0.8	29.8±1.2	29.8±0.7	25.5±0.4	25.2±0.6	25.4±0.4
	s	1.3	1.8	1.5	0.6	1.0	0.8
	CV	4.2	6.1	5.2	2.4	3.9	3.3
Raleigh king size, filter	X	18.4±0.6	19.1±0.7	18.7±0.5	17.6±0.4	17.8±0.5	17.7±0.3
	s	0.9	1.1	1.0	0.6	0.8	0.6
	CV	5.0	5.6	5.5	3.2	4.3	3.7
Salem king size, filter menthol	X	19.9±0.5	20.5±0.4	20.2±0.4	18.5±0.5	18.6±0.3	18.6±0.3
	s	0.9	0.7	0.8	0.8	0.4	0.6
	CV	4.3	3.2	4.0	4.3	2.2	3.3
Salem 100 mm. filter menthol	X	21.3±0.4	21.5±0.8	21.4±0.4	21.1±0.4	21.2±0.5	21.1±0.3
	s	0.6	1.3	1.0	0.6	0.7	0.7
	CV	2.6	6.0	4.6	2.7	3.5	3.3
Sano reg. size, non-filter	X	15.5±1.0	15.3±1.0	15.4±0.7	12.5±0.6	12.3±0.7	12.4±0.4
	s	1.6	1.6	1.6	0.9	1.1	1.0
	CV	10.8	10.7	10.5	7.0	8.9	7.8
Sano reg. size, filter	X	3.1±0.4	3.6±0.3	3.4±0.3	3.5±0.2	3.1±0.4	3.3±0.2
	s	0.6	0.5	0.6	0.4	0.6	0.5
	CV	21.0	14.0	18.5	10.9	18.7	16.0

PM3000952727

"Tar" mg/cigt. - Test 1"Tar" mg/cigt. - Test 2

BRAND		Smoking Machine A	Smoking Machine B	A & B Combined	Smoking Machine A	Smoking Machine B	A & B Combined
Silva Thins 100 mm. filter	X	15.1±0.5	15.0±0.4	15.0±0.3	14.8±0.5	14.5±0.3	14.7±0.3
	s	0.8	0.6	0.7	0.8	0.5	0.6
	CV	5.1	4.3	4.6	5.2	3.5	4.4
Silva Thins 100 mm. filter menthol	X	14.6±0.5	14.7±0.5	14.6±0.3	15.0±0.3	15.1±0.5	15.1±0.3
	s	0.7	0.8	0.7	0.5	0.8	0.7
	CV	5.0	5.4	5.1	3.5	5.7	4.6
Spring	X	20.5±0.8	20.5±0.7	20.5±0.5	21.0±0.7	20.9±0.6	21.0±0.4
	s	1.3	1.1	1.2	1.1	0.9	1.0
	CV	6.5	5.6	5.9	5.4	4.2	4.7
Stratford king size, non-filter	X	25.3±0.8	25.4±0.9	25.3±0.6	21.3±0.6	21.0±0.3	21.2±0.3
	s	1.2	1.4	1.2	0.9	0.5	0.7
	CV	4.8	5.4	5.0	4.1	2.6	3.4
Stratford king size, filter	X	18.7±0.5	18.6±0.5	18.7±0.4	17.5±0.3	17.2±0.2	17.4±0.2
	s	0.8	0.8	0.8	0.5	0.4	0.4
	CV	4.4	4.5	4.4	2.7	2.2	2.5
Stratford king size, filter menthol	X	19.7±0.6	20.1±0.4	19.9±0.4	18.5±0.5	18.9±0.4	18.7±0.3
	s	0.9	0.7	0.8	0.8	0.6	0.7
	CV	4.5	3.3	4.0	4.4	3.0	3.8
Sweet Caporal	X	21.6±0.9	22.1±0.5	21.8±0.5	20.9±0.6	19.9±0.5	20.4±0.5
	s	1.4	0.8	1.2	1.0	0.8	1.0
	CV	6.4	3.8	5.3	4.8	4.0	5.1
Tareyton king size, filter	X	16.8±0.7	16.5±0.4	16.6±0.4	15.8±0.2	15.6±0.5	15.7±0.3
	s	1.0	0.6	0.8	0.3	0.9	0.6
	CV	6.3	3.5	5.1	1.6	5.5	4.0
Tareyton 100 mm. filter	X	17.2±0.6	16.9±0.3	17.1±0.3	17.0±0.4	16.8±0.5	17.0±0.3
	s	0.9	0.5	0.7	0.6	0.8	0.7
	CV	5.4	3.0	4.4	3.7	5.0	4.3

		<u>"Tar" mg/cigt. - Test 1</u>			<u>"Tar" mg/cigt. - Test 2</u>		
<u>BRAND</u>		<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>	<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>
Tempo	X	13.5±0.8	13.5±0.9	13.5±0.6	13.4±0.6	12.8±0.3	13.1±0.4
	s	1.2	1.4	1.3	1.0	0.5	0.8
	CV	9.2	10.1	9.4	7.5	3.9	6.3
True (Blue) king size, filter	X	12.3±0.6	13.0±0.5	12.6±0.4	12.8±0.3	12.6±0.3	12.7±0.2
	s	1.0	0.8	0.9	0.5	0.5	0.5
	CV	8.0	6.2	7.5	4.0	3.9	3.9
True (Green) king size, filter menthol	X	12.5±1.2	12.2±0.4	12.4±0.6	12.9±0.6	12.5±0.4	12.7±0.3
	s	2.0	0.7	1.4	0.9	0.6	0.8
	CV	15.8	5.7	11.7	7.0	4.9	6.1
Tryon king size, filter	X	10.8±0.7	11.2±0.5	11.0±0.4	10.2±0.3	10.3±0.3	10.2±0.2
	s	1.0	0.7	0.9	0.5	0.4	0.5
	CV	9.6	6.6	8.1	5.0	4.5	4.6
Tryon king size, filter menthol	X	11.2±1.0	11.0±0.6	11.1±0.6	10.1±0.4	10.1±0.3	10.1±0.3
	s	1.5	1.0	1.2	0.6	0.6	0.6
	CV	13.6	8.9	11.2	6.5	5.5	5.9
Viceroy king size, filter	X	18.9±0.5	19.0±0.5	19.0±0.3	17.4±0.5	17.8±0.5	17.6±0.3
	s	0.8	0.8	0.8	0.8	0.7	0.8
	CV	4.2	4.0	4.1	4.6	4.2	4.4
Viceroy 100 mm. filter	X	19.6±0.7	19.9±0.5	19.7±0.4	20.0±0.8	20.1±0.4	20.0±0.4
	s	1.2	0.8	1.0	1.2	0.7	0.9
	CV	5.9	4.1	5.0	6.0	3.3	4.7
Virginia Slims 100 mm. filter	X	17.9±0.7	18.7±0.7	18.3±0.5	19.0±0.4	18.2±0.5	18.6±0.4
	s	1.2	1.1	1.2	0.7	0.8	0.8
	CV	6.5	6.0	6.5	3.5	4.4	4.3

PM3000952729

		<u>"Tar" mg/cigt. - Test 1</u>			<u>"Tar" mg/cigt. - Test 2</u>		
<u>BRAND</u>		<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>	<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>
Virginia Slims	X	18.3±0.5	18.7±0.5	18.5±0.4	19.2±0.3	18.2±0.3	18.7±0.3
100 mm.	s	0.8	0.9	0.8	0.5	0.4	0.7
menthol	CV	4.1	4.6	4.5	2.8	2.4	3.7
Vogue	X	11.6±0.5	11.6±0.6	11.6±0.4	8.8±0.4	9.1±0.3	8.9±0.2
Assorted	s	0.8	1.0	0.9	0.6	0.5	0.5
Colors	CV	7.2	8.3	7.6	6.4	5.4	6.0
Vogue	X	18.4±1.1	19.4±1.6	18.9±1.0	15.4±0.7	15.3±0.8	15.3±0.5
black	s	1.8	2.6	2.2	1.1	1.2	1.1
	CV	9.7	13.2	11.6	7.0	7.8	7.2
Wings	X	19.7±0.5	19.4±0.6	19.6±0.4	18.2±0.4	18.3±0.6	18.2±0.3
	s	0.8	0.9	0.8	0.6	0.9	0.8
	CV	4.2	4.5	4.4	3.4	5.2	4.3
Winston	X	21.1±0.4	21.0±0.6	21.1±0.4	17.4±0.4	17.5±0.2	17.5±0.2
king size,	s	0.7	1.0	0.8	0.7	0.4	0.6
filter	CV	3.4	4.6	3.9	4.0	2.3	3.2
hard pack							
Winston	X	20.5±0.4	20.9±0.7	20.7±0.4	19.1±0.3	19.1±0.6	19.1±0.3
king size,	s	0.7	1.1	0.9	0.5	0.9	0.7
filter	CV	3.4	5.2	4.4	2.8	4.6	3.7
soft pack							
Winston	X	21.9±0.4	21.4±0.5	21.6±0.3	21.4±0.3	21.3±0.4	21.4±0.2
100 mm.	s	0.7	0.8	0.8	0.5	0.6	0.5
filter,	CV	3.3	3.6	3.5	2.2	2.9	2.5
soft pack							

		<u>"Tar" mg/cigt. - Test 1</u>			<u>"Tar" mg/cigt. - Test 2</u>		
<u>BRAND</u>		<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>	<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>
Winston	X	21.5±0.6	21.6±0.4	21.6±0.3	21.3±0.6	20.9±0.6	21.1±0.4
100 mm.	s	0.9	0.7	0.8	0.9	0.9	0.9
filter	CV	4.3	3.0	3.6	4.2	4.4	4.3
menthol							
Yukon	X	19.3±0.8	19.6±0.6	19.4±0.5	16.2±0.4	15.7±0.9	15.9±0.5
	s	1.3	1.0	1.1	0.7	1.5	1.2
	CV	6.6	5.0	5.7	4.2	9.5	7.3
Monitor	X	19.9±0.1	19.9±0.1		20.0±0.1	19.8±0.1	
Smoking	s	1.1	1.0		0.7	0.7	
Machine A	CV	5.4	5.2		3.5	3.3	